

ATTN: AVERY, BRIDGET D

Serial No. 09/942,855

BE ALLOWABLE IF REWRITTEN OR AMENDED TO OVERCOME THE REA
 (1) LET ME ME KNOW IF YOU WANT ME TO CHANGE (SEE 112)

112 (DO I NEED TO ADD IN DESCRIPTION) SCISSOR 15B, 15C
 (DO I NEED TO ADD LOWER CROSSBAR TO 42A IN DESCRIPTION)

3. A multiuse platform comprising:

a wheeled support assembly having a lower crossbar, second and third scissor legs connected to said lower crossbar;

a platform frame assembly positioned above said

wheeled support assembly, said platform frame assembly having

an pivoted end, second and third scissor legs mount to said

pivoted end, said platform frame assembly lying on top of said

upper cross bar of said first and forth scissor legs, said

first and second scissor legs being pivoted together

intermediate their ends and said third and fourth scissor legs

being pivoted together intermediate their ends, so that said

platform frame assembly is movable upwardly and downwardly in

relation to said wheeled support assembly;

lift structure connected to said lower cross

bar on said wheeled assembly and to said upper cross bar for

lifting said platform frame assembly with respect to said

wheeled assembly, said lift structure comprising an upper arm

and a lower arm, said upper arm being pivotally connected to

said upper cross bar and said lower arm being pivoted to said

lower cross bar, said upper and lower arms being pivoted

together;

a lift drive structure connected to said lift

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GROUP 3600

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Serial No. 09/942,855

structure for raising said platform frame assembly to a desired elevation, said lift drive structure being selected from a group consisting of: a screw thread jack, a ~~telescoping support~~ a hydraulic cylinder, a hydraulic actuator and a screw actuator;

an extensible ^{DEVICE} structure different from said lift ^{ASSEMBLY} structure having first end pivotally mounted to said ~~REAR DECK CROSS BAR 41~~ rear end of platform frame and said second end pivotally mounted into said a selected one of said upper cross bar and to said lower cross bar;

^{LIFT TABLE} a platform having first and second ends and having said first end connected to said extensible ^{DEVICE} structure and said second end pivotally attached to said platform frame assembly to permit angular raising of said first end of said platform with respect to ~~top~~ said platform frame assembly, said platform having a locking assembly thereon, said locking assembly releasibly locking of ^{LIFT TABLE ON DESCRIPTION} platform to said platform frame assembly:

^{76 15, 16, 17, 18} a platform frame assembly having one end ^{CHANNEL} connected to support plate locking assembly thereon, said locking assembly releasibly engaging said support plate to

Serial No. 09/942,855

permit releasible locking of said support plate to said platform frame assembly;

FIGS
a support plate ^{ROD HOLDER} locking structure different ^{15, 16, 17} from said ^{SUPPORT RAIL CHANNEL} platform frame locking structure pivotally connected ¹⁸ to first and second rear end of said support plate.

9 ALL COMBINATION CAN BE
4. The multiuse platform of claim 3 wherein said platform frame assembly can be vertically or angularly raised and lowered with respect to said wheeled assembly. *1A, 1B, 2A, 2B*

5. The multiuse platform of claim 3 wherein said lift ^{DRIVE} structure includes only a single lift drive structure which is pivotally connected to said ^{LIFT ARM 22, 23} upper and lower arms so *1F, 1G, 1H* that said upper and lower arms can be folded together for compact storage.

6. The multiuse platform of claim 3 wherein said upper and lower lift arms are pivotally coupled together at one end and the other end of said upper lift arm is pivotally connected to said upper cross bar by a ball joint assembly and said lower lift arm is pivotally connect to said lower cross bar with a ball joint assembly.

Serial No. 09/942,855

7. the multiuse platform of claim 3 where in said platform frame/^{CHANNEL}lock structure includes, bolt, spring, lock support plate channel,.

FIG 1

11 IM

8. The multiuse platform of claim 7 wherein said there is support plate/^{CHANNEL}attachment structure on the pivoted end of said platform frame, lock said support plate in a position at an angle to said platform frame when said support plate is in a hand truck usage position.

9. The multiuse platform of claim 7 where in said support plate lock includes spring, a stop and rod holder attached to between first and second end of said support plate so that said support plate pivotally mounted on said platform frame so that it can swing from a position where it lies on top of ~~said platform~~^{SUPPORT PLATE CHANNEL} frame locking structure to a position where it hangs down from the end of said ~~platform frame~~^{SUPPORT PLATE CH} structure, and there is rods/^{HOLDER} between said support plate and ~~said platform frame~~^{SUPPORT PLATE CHANNEL} which ^{HOOK}locks said support plate with respect to said platform frame at selected angular positions so that said platform frame to comprise a retractable support plate approach ramp system for joining said platform to an adjacent loading surface.

1J

51M, IT

Serial No. 09/942,855

10. The multiuse platform of claim 7 wherein said spring can be compressed to release said support plate lock to release said support plate from said platform frame lock structure.

FIG

CHANNEL

- 1K, 1L,

1M

SUPPORT PLATE CHANNEL

11. the multiuse platform of claim 7 wherein said support plate safety lock is pivotally mounted to said truck bed rear end or dock alike is provided said hand truck rotation around safety lock between loading said platform or dock ALIKE to truck rear end loading platform;

LC

2C 2D

2E 2F

LOCK

12. The multiuse platform of claim 3 wherein said extensible structure comprises first and second members EXTENSIBLE telescopically interengaged and movable into a selected one of a plurality of total length positions and releasably lockable into a selected one of a plurality of positions.

1E

13. The multiuse platform of claim 12 wherein said platform frame cross bare bracket is provided a selected one of a plurality of positions for selected platform frame rotate and angle MOVABLE

1E

G

14. The multiuse platform of claim 12 wherein said extensible structure has its upper end pivotally mounted onto

DEVICE

Serial No. 09/942,855

17. The multiuse platform of claim 12 where in said extensible structure ^{DEVICE} is pivotally attached to said upper cross bar by means of a removable stop pin through a bracket hole in said upper cross bar so that said extensible structure can support said upper cross bar or rotate to folded position below said platform for use as a hand truck. ^{STANDARD 2 WHEELS}

FIG
3D

REJECT 112, 102 HEIDE

18. A multiuse platform comprising:

said first and second scissors legs being pivoted together intermediate their ends and said third and fourth scissors legs being pivoted together intermediate their ends;

first, second, third and fourth scissors legs, each of said scissors legs having an upper end and a lower end, first, second, third and fourth floor-engaging wheels respectively attached to said lower ends of said first, second, third and fourth scissors legs;

a lift structure comprising a plurality of scissor legs each having an upper end and a lower end, at least some of said scissor legs being pivoted together intermediate said upper and lower ends so that in a lowered position they lie substantially coplanar and in a raised position said upper ends of said scissor legs lie above said

Serial No. 09/942,855

lower ends of said scissor legs, said lower ends of said scissor legs having floor engaging structure thereon, a lift structure connected between said scissor legs so that said lift structure can be actuated to raise said upper ends of said scissor legs above said lower ends of said scissor legs;

REJECT 112 103 LAUG ~~TE~~ LAUG
19. The multiuse platform of Claim 18 wherein there is ~~telescoping structure~~ ^{EXTEND LEGS} associated with the lower end of each of said first, second, third and fourth scissor legs so that said floor-engaging wheels respectively on said first, second, third and fourth scissor legs can be moved away from said pivots between said scissor legs. 4A

20. The multiuse platform of claim 18 wherein said scissor legs are tubular and said second and third scissor legs are pivoted together outside said tube of said tubular legs and said first and fourth scissor legs are pivoted together outside of said tube of said tubular legs on pivot pins so that ~~telescoping extensions~~ ^{EXTEND LEGS} can be ~~telescopically~~ ^{EXTEND LEGS} positioned in said tubular legs space for inserting leg extensions or for reinforcing said tubular legs. 12 IS IN/D

Serial No. 09/942,855

~~REJECT 112, 102~~

21. The multiuse platform of Claim 18 wherein said ~~EXTEND LEG CROSSBAR~~ floor engaging structure on said scissor legs comprises wheels on at least some of said scissor legs.

FIG 1N/10

REJECT 112, 102

22. The multiuse platform of Claim 18 further including ~~EXTEND LEGS~~ telescoping structure on said scissor legs so that said scissor legs can be extended.

1N/10

REJECT 112, 102

23. the multiuse platform of claim 18 where in said ~~EXTEND LEGS~~ telescoping structure can be extended included floor engaging ~~CROSSBAR~~ structure comprises wheels cross bar assembly and cross bar support assembly at lease some of said floor engaging ~~UNCLEAR~~ structure.

1N/10

REJECT 112, 102

24. the multiuse platform of claim 18 where in said ~~EXTEND LEGS~~ telescoping extend structure are releasably lockable to cross bar wheels assembly and cross bar assembly. ~~UNCLEAR~~

1N/10

REJECT 112, 103

25. A multiuse lifting and rolling platform a platform having first and second ends and having said first end connected to said extensible structure and said second end pivotally attached to said platform frame assembly to permit

Serial No. 09/942,855

angular raising of said first end of said platform with respect top said platform frame assembly, said platform having a locking assembly thereon, said locking assembly releasibly locking of platform to said platform frame assembly:

a platform frame assembly having one end connected to support plate locking assembly thereon, said locking assembly releasibly engaging said support plate to permit releasible locking of said support plate to said platform frame assembly;

a support plate locking structure different from said platform frame locking structure pivotally connected to first and second rear end of said support plate. and;

a platform having a platform frame assembly and lower cross bar scissors legs second third are easily detachable manner, by couple by a group consisting of said pockets, brackets, self locking and support plate channel locking structure , used to permit and detachable to perform a different from said hand truck and lifting function.

26. the multiuse platform of claim 25 where in said hand crank or electric wheel pusher is pivotally
WHEELS PUSHER UNCLEAR

Serial No. 09/942,855

detachable to said rear lower cross bar bracket when said platform and said support plate in lower to the floor level provided force to sliding said support plate below load or stag of boxes alike; *UNCLEAR*

FIG 3A

9 (THERE IS NO HEAD REST ON)
27. The multiuse platform of claim 25 further including a of step ladder and a rails for use with said platform as a scaffold and ladder. 4A

28. The multiuse platform of claim 27 wherein said stepladder and scaffold include a removable rail attached into a support pocket in said platform to act as an anti-falling device. 4B

29. The multiuse platform of claim 28 wherein said stepladder and scaffold include a removable stepladder attached to an upper support pocket in said platform and a support plate channel in said platform for selective use for performing work at a high elevation and for raising a load and worker.

Serial No. 09/942,855

30. The multiuse platform of claim 29 wherein said platform and said scaffold can be utilized for high elevation tilting unloading or loading.

REJECT 112,103

31. The multiuse platform of claim 25 wherein there is a head rest for selective attachment to said combination so that it can be used as use a mechanic's creeper.

REJECT 112,103

32. The multiuse platform of claim 31 wherein said combination is configured to provide seat support, lifting and support for a tool box at desired level.

FIG
3D
6B

REJECT 112,103

33. The multiuse platform of claim 25 further including a floor jack extension for selective use as floor jack.

6C
6B

REJECT 112,103

34. The multiuse platform of claim 33 wherein said floor jack is configured to load or unload parts aligned by raising said platform.

6C

Serial No. 09/942,855

MAY LAYING ON CR
BA

RAAR DECK

said platform frame/cross bar and the its lower end
 pivotally connected to said wheeled support assembly cross bar
 so that said platform can be raised to angular lift table
 position and lowered to tilt back hand truck position.

F1

FKG

1A 1B

11

15B

OR!

40

15. The multiuse platform of claim 12 wherein said
extensible structure ^{DEVICE} is removable from said upper and lower
cross bars and said extensible ^{DEVICE} structure is releasably
 lockable into a selected one of a plurality of positions for
 selected platform angle and rotation.

1A, 1B

OR 2A

2B

11, 3 (REFER

16. The multiuse platform of Claim ¹² wherein there
 is extend ^{DEVICE} device, extensible structure being connected to said
upper cross bar and engaging to said platform frame said
 platform is in tilt back hand truck position said support
 plate locked by said safety lock to said truck rear end alike
 and said when said platform is lower, said platform is folded
 by pivoting about the top ends of said second and third
 scissor legs for selective use to performing raising load and
 platform it' self to truck bed or dock alike;

2C, 2D

2E, 2F